

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022322AL\
 Data File : FC058445.D
 Signal(s) : FID1A.CH
 Acq On : 24 Feb 2022 5:14
 Operator : UA/NP
 Sample : PB142872BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB142872BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/24/2022
 Supervised By :Ankita Jodhani 02/24/2022

Integration File: autoint1.e
 Quant Time: Feb 24 07:41:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.390	6164261	42.322 ug/ml
Spiked Amount 50.000		Recovery =	84.64%
12) S 1-chlorooctadecane (S...	12.822	4967172	43.821 ug/ml
Spiked Amount 50.000		Recovery =	87.64%
Target Compounds			
1) T n-Nonane (C9)	3.254	4599439	38.248 ug/ml
2) T n-Decane (C10)	4.298	4952349	41.617 ug/ml
3) T A~Naphthalene (C11.7)	5.852	5811504	44.779 ug/ml
4) T n-Dodecane (C12)	6.288	5362662	43.593 ug/ml
5) T A~2-methylnaphthalene...	6.897	5839409	44.791 ug/ml
6) T n-Tetradecane (C14)	8.068	5547116	44.268 ug/ml
7) T n-Hexadecane (C16)	9.654	5634128	43.750 ug/ml
8) T n-Octadecane (C18)	11.085	5861399	44.542 ug/ml
10) T n-Eicosane (C20)	12.385	5736382	43.624 ug/ml
11) T n-Heneicosane (C21)	12.992	5688782	43.045 ug/ml
13) T n-Docosane (C22)	13.575	5638128	43.247 ug/ml
14) T n-Tetracosane (C24)	14.669	5853136	45.326 ug/ml
15) T n-Hexacosane (C26)	15.686	5388710	43.562 ug/ml
16) T n-Octacosane (C28)	16.629	5253959	44.138 ug/ml
17) T n-Tricontane (C30)	17.514	4908876	43.610 ug/ml
18) T n-Dotriacontane (C32)	18.339	4449148	41.375 ug/ml
19) T n-Tetratriacontane (C34)	19.119	3582726	36.977 ug/ml
20) T n-Hexatriacontane (C36)	19.855	2511366	27.837 ug/ml
21) T n-Octatriacontane (C38)	20.557	1772723	20.371 ug/mlm
22) T n-Tetracontane (C40)	21.378	1366510	16.284 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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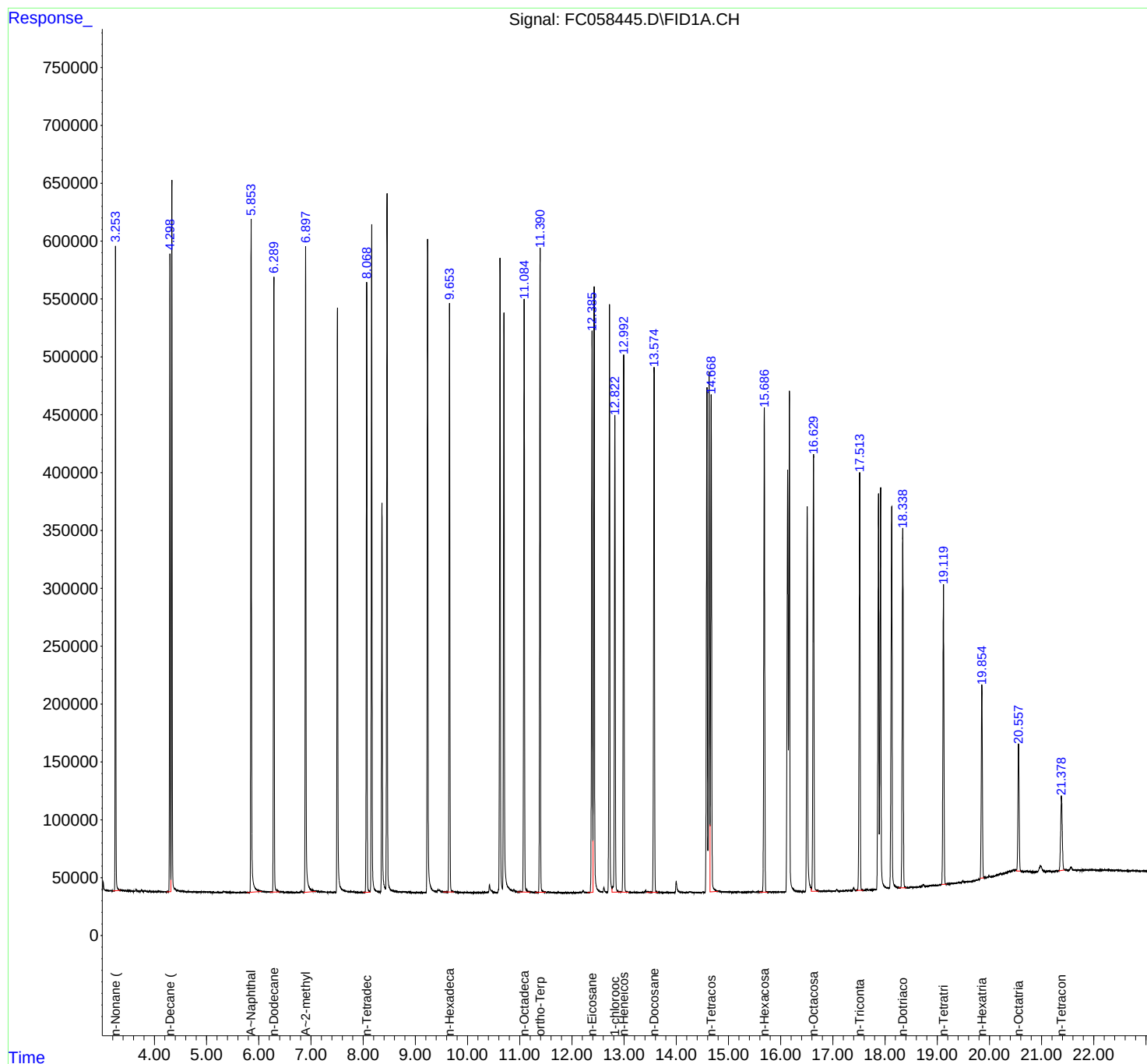
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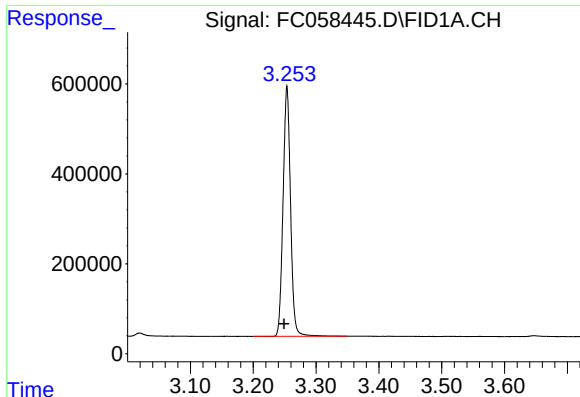
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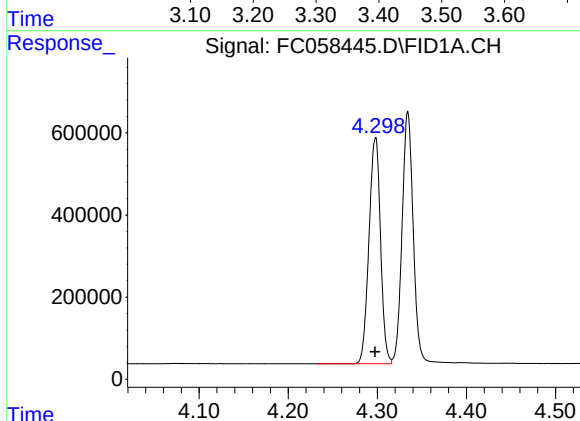
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: 0.005 min
Response: 4599439
Conc: 38.25 ug/ml

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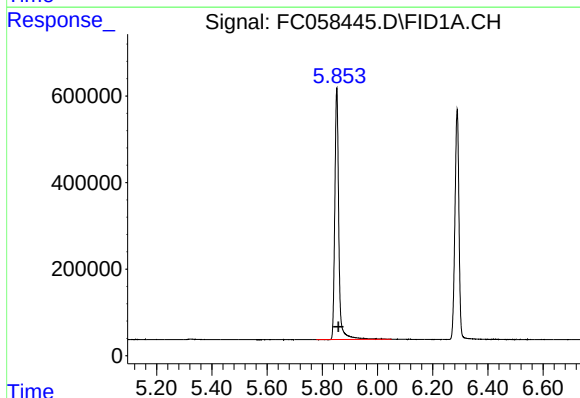
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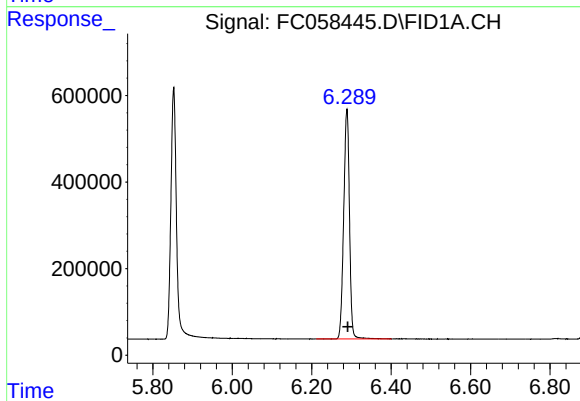
#2 n-Decane (C10)

R.T.: 4.298 min
Delta R.T.: 0.000 min
Response: 4952349
Conc: 41.62 ug/ml



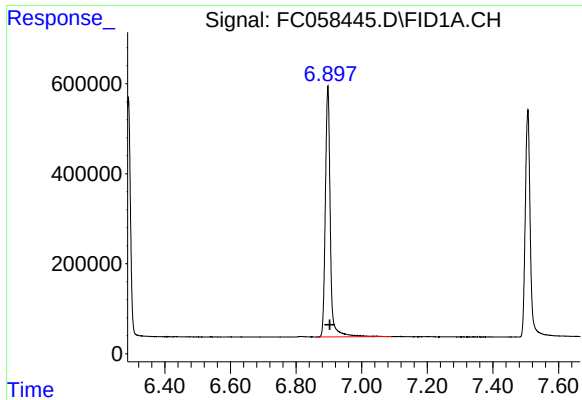
#3 A~Naphthalene (C11.7)

R.T.: 5.852 min
Delta R.T.: -0.007 min
Response: 5811504
Conc: 44.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.288 min
Delta R.T.: -0.003 min
Response: 5362662
Conc: 43.59 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.897 min
Delta R.T.: -0.006 min
Response: 5839409
Conc: 44.79 ug/ml

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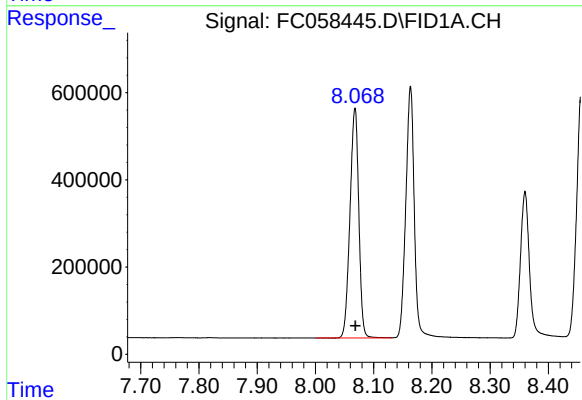
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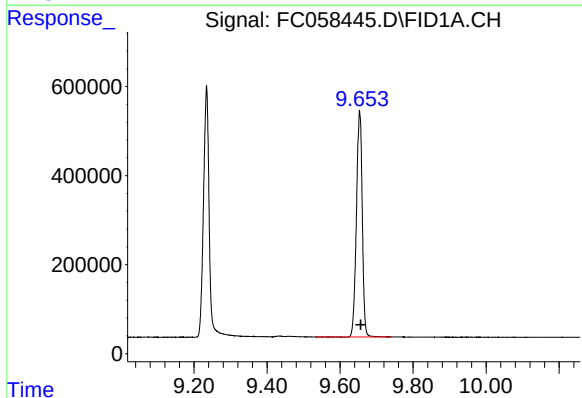
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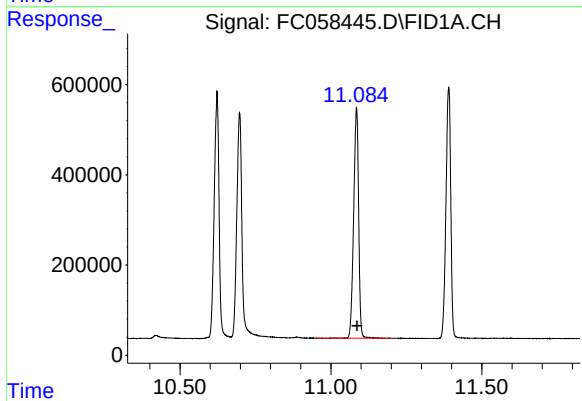
#6 n-Tetradecane (C14)

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 5547116
Conc: 44.27 ug/ml



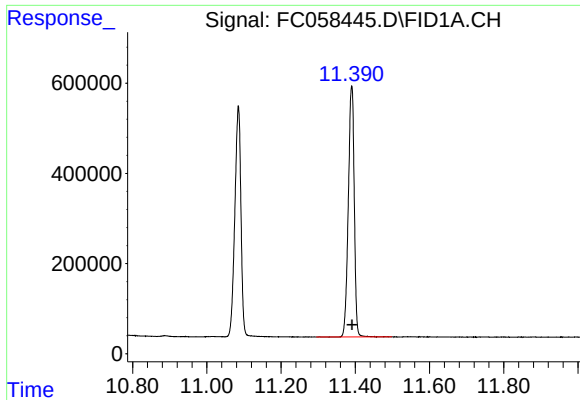
#7 n-Hexadecane (C16)

R.T.: 9.654 min
Delta R.T.: -0.003 min
Response: 5634128
Conc: 43.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.085 min
Delta R.T.: -0.002 min
Response: 5861399
Conc: 44.54 ug/ml



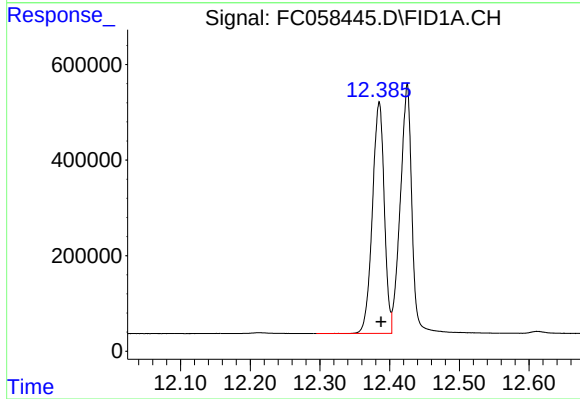
#9 ortho-Terphenyl (SURR)

R.T.: 11.390 min
Delta R.T.: 0.000 min
Response: 6164261
Conc: 42.32 ug/ml

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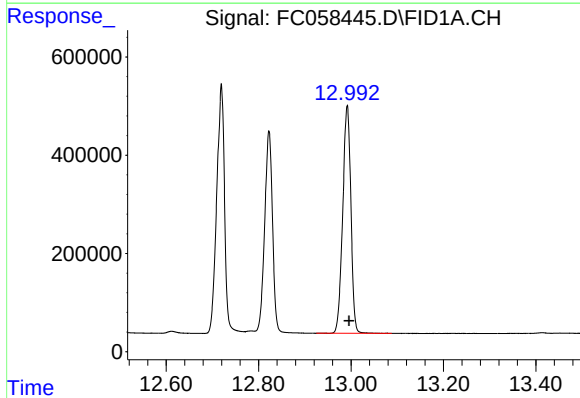
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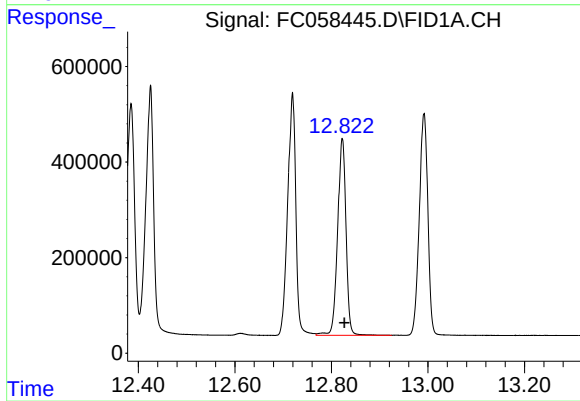
#10 n-Eicosane (C20)

R.T.: 12.385 min
Delta R.T.: -0.003 min
Response: 5736382
Conc: 43.62 ug/ml



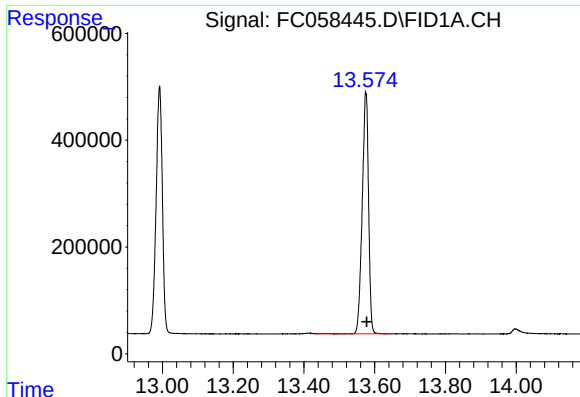
#11 n-Heneicosane (C21)

R.T.: 12.992 min
Delta R.T.: -0.004 min
Response: 5688782
Conc: 43.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.822 min
Delta R.T.: -0.004 min
Response: 4967172
Conc: 43.82 ug/ml



#13 n-Docosane (C22)

R.T.: 13.575 min
Delta R.T.: -0.003 min
Response: 5638128
Conc: 43.25 ug/ml

Instrument :

FID_C

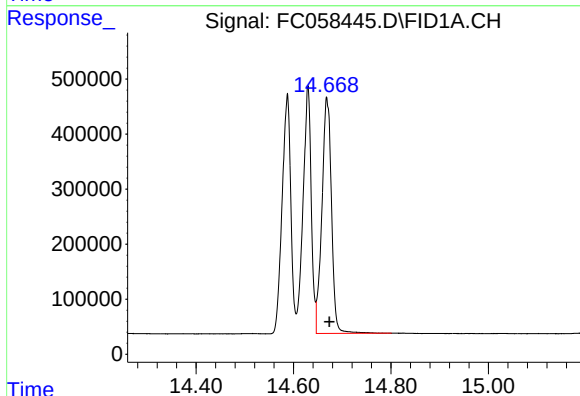
ClientSampleId :

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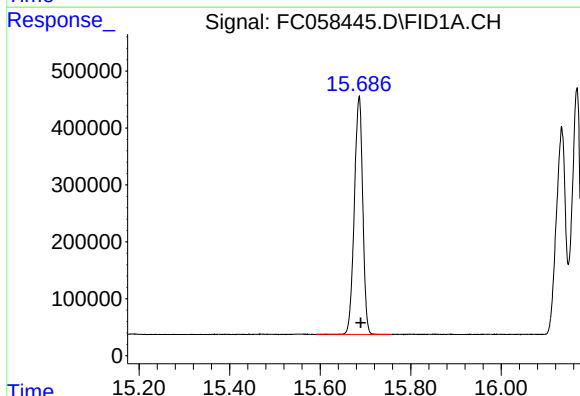
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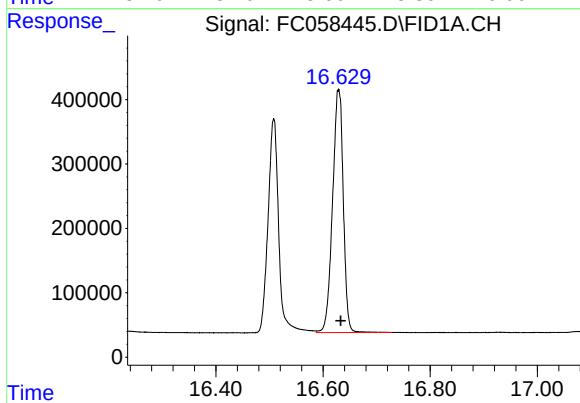
#14 n-Tetracosane (C24)

R.T.: 14.669 min
Delta R.T.: -0.005 min
Response: 5853136
Conc: 45.33 ug/ml



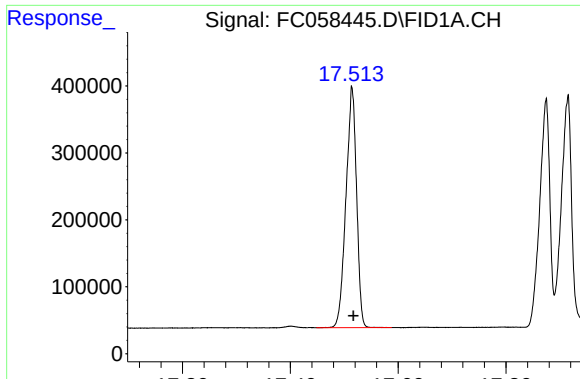
#15 n-Hexacosane (C26)

R.T.: 15.686 min
Delta R.T.: -0.004 min
Response: 5388710
Conc: 43.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.629 min
Delta R.T.: -0.004 min
Response: 5253959
Conc: 44.14 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.514 min
Delta R.T.: -0.003 min
Response: 4908876
Conc: 43.61 ug/ml

Instrument :

FID_C

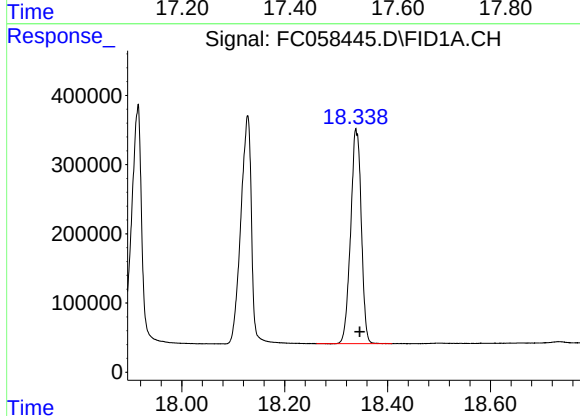
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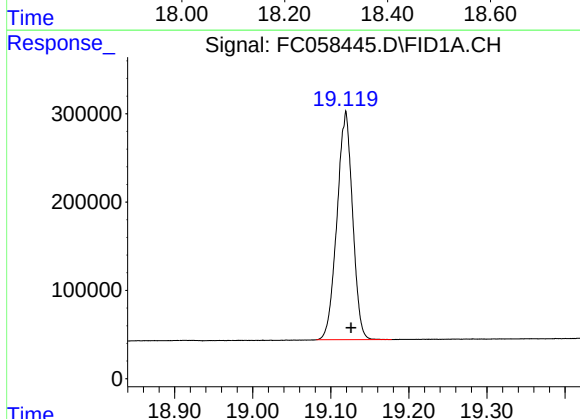
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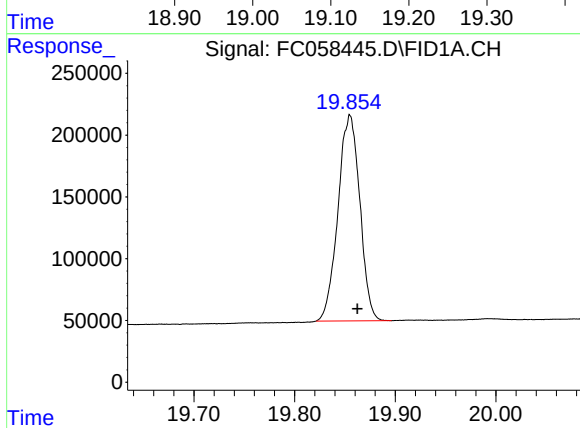
#18 n-Dotriacontane (C32)

R.T.: 18.339 min
Delta R.T.: -0.007 min
Response: 4449148
Conc: 41.38 ug/ml



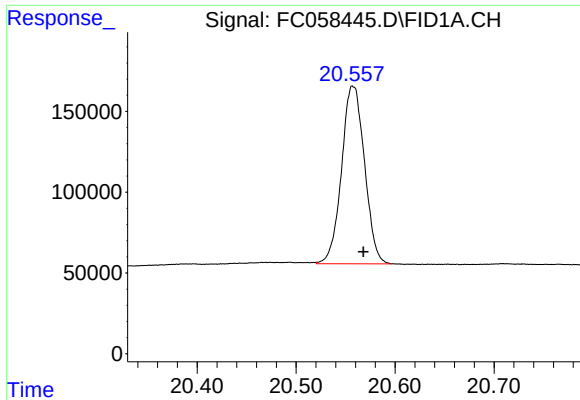
#19 n-Tetratriacontane (C34)

R.T.: 19.119 min
Delta R.T.: -0.007 min
Response: 3582726
Conc: 36.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.855 min
Delta R.T.: -0.008 min
Response: 2511366
Conc: 27.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.557 min
Delta R.T.: -0.011 min
Response: 1772723
Conc: 20.37 ug/ml

Instrument :

FID_C

ClientSampleId :

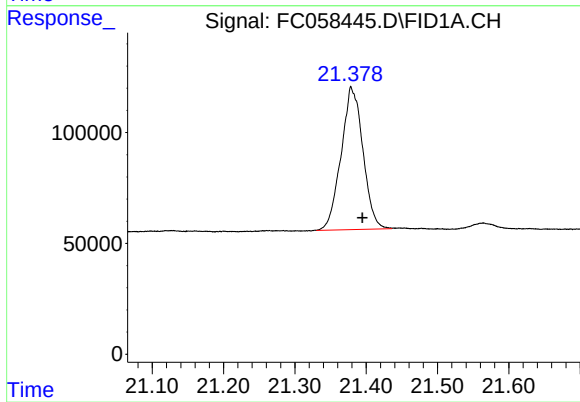
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#22 n-Tetracontane (C40)

R.T.: 21.378 min
Delta R.T.: -0.017 min
Response: 1366510
Conc: 16.28 ug/ml m